

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IL01/00880

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7): A61K 35/00, 48/00; C12N 15/00, 15/68; C07K 17/00

US CL: 514/2, 44; 424/93.21; 530/350; 485/320.1, 325

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S.: 514/2, 44; 424/93.21; 530/350; 485/320.1, 325

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DIALOG-Medline, Embase, Cancerlit, Scisearch, Biosis, BRS-EAST - USPATFULL, EPO, JPO, Derwint  
search terms: heparanase, angiogenesis, wound healing

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	TOYOSHIMA et al. Human Heparanase (Purification, Characterization, Cloning, and Expression). J. Biol. Chem. 1999. Vol. 274, No. 34, pages 24153-24160, see entire document.	27-35, 37, 41-46, 48, 69-77, 79, 84-88, 90
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Y		1-26, 36, 38-40, 47-68, 78, 80-83, 89

Further documents are listed in the continuation of Box C.  See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document published on or after the international filing date	"X"	document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claims(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"X"	document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search 21 APRIL 2002	Date of mailing of the international search report 13 MAY 2002
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Name and mailing address of the ISA/U.S. Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3280	Authorized officer ANNE MARIE S. BECKERLEG Telephone No. (703) 308-0196
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International application No.  
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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,968,822 A (PECKER et al) 19 October 1999(19.10.99), see entire document.	27-35, 37, 41-46, 48, 69-77, 79, 84- 88, 90 -----
Y		1-26, 36, 38-40, 47-68, 78, 80-83, 89
X	WO 9921975 A1 (FREEMAN et al.) 6 MAY 1999(06.05.99), see entire document, especially pages 94-100.	1-90